

US006487145B1

(12) United States Patent

Berhan

(10) Patent No.:

US 6,487,145 B1

(45) Date of Patent:

Nov. 26, 2002

(54)	METHOD AND SYSTEM FOR AUDIO DATA		
` ,	COLLECTION AND MANAGEMENT		

- (75) Inventor: Michel D. Berhan, San Jose, CA (US)
- (73) Assignee: Roxlo, Inc., Santa Clara, CA (US)
- (*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.
- (21) Appl. No.: 09/389,966
- (22) Filed: Sep. 3, 1999

Related U.S. Application Data

- (60) Provisional application No. 60/130,841, filed on Apr. 22, 1999, and provisional application No. 60/139,921, filed on Jun. 17, 1999.
- (51) Int. Cl.⁷ G11B 7/085; G11B 7/00

(56) References Cited

U.S. PATENT DOCUMENTS

5,224,087 A * 6/1993 Maeda et al. 369/54

5,408,449 A	 4/1995 	Oh 369/32
5,422,868 A	• 6/1995	Koizumi et al 369/32
5,430,697 A	 7/1995 	Bu 369/32
5,457,669 A	• 10/1995	Kim et al 369/32
5,553,055 A	• 9/1996	Yokota et al 369/124
		Park 369/32
5,825,726 A	• 10/1998	Hwang et al 369/32

OTHER PUBLICATIONS

"Information processing—Volume and file structure of CD-ROM for information interchange", ISO 9660: 1988 (E), pp. 1-31, International Organization for Standardization, Switzerland, Sep. 1988.

* cited by examiner

Primary Examiner-Tan Dinh

(74) Attorney, Agent, or Firm-Martine & Penilla, LLP

57) ABSTRACT

A method is provided for extracting music data from a compact disc and managing the music data. The method is configured to have the system extract at least a portion of an initial track of music data at an extracting rate that is greater than the listening rate. The system simultaneously writes the extracted portion of the initial track of music data to a storage media at the extracting rate while performing the extracting. Meanwhile, a user may listen to at least a portion of the extracted portion of the initial track of music data from the storage media at the listening rate.

8 Claims, 14 Drawing Sheets

